

Hurricanes Madeline and Lester, 2016/NOAA



Iao Valley, Maui, flooding, 2016



Disaster Assistance and Recovery Center, Pahoehoe, Hawaii, 2014

State of Hawaii

Hawaii Emergency Management Agency

Multi-year Training and Exercise Plan
2016-2018 (Revised January 2017)



Preface

The State of Hawaii is especially vulnerable to natural disasters due to its unique geographical setting. Hawaii has seen numerous destructive disasters: a category 4 hurricane, Hurricane Iniki, which struck on September 11, 1992; Tropical Storm Iselle in 2014; devastating lava flows on the Big Island between 1983 and 1993 that destroyed almost 200 homes, and again in 2015; severe flooding in March 2006 resulting in a dam break that killed seven people and storms that caused extensive flooding and damage on Maui in September 2016 resulting in a presidential disaster declaration; and a magnitude 6.7 earthquake in 2006 that caused severe damage on the Big Island, isolated a Maui community and resulted in an island-wide power outage on Oahu. The March 2011 Japan earthquake and tsunami caused major damage and destruction, especially to the Big Island. Tsunamis have accounted for more lost lives than the total of all other disasters in Hawaii. On April 1, 1946, 159 people lost their lives in Hawaii from a devastating tsunami that struck the Pacific, particularly in Hilo Town on the Big Island.

In the aftermath from these and other past disasters, the citizens of Hawaii have demonstrated remarkable resilience. This ever-present potential for a disaster, compounded by Hawaii's remote geographic location, underscores the need for a comprehensive, all-hazards approach for emergency preparedness and response.

The State of Hawaii has embraced a capabilities-based approach to training and exercising that addresses a broad range of risks and vulnerabilities. In pursuit of this approach, Hawaii has identified a need to coordinate planning, training, and exercising to strengthen overall proficiency in executing the 32 "core capabilities" defined in the 2015 National Preparedness Goal. Training and exercising play a crucial role in this process and provide Hawaii with a strategy for attaining, practicing, validating and improving new capabilities.

The Multi-Year Training and Exercise Planning Workshop (TEPW), conducted by Hawaii Emergency Management Agency on October 21, 2016, compiled stakeholder training and exercise plans and coordinated training and exercise schedules statewide. This input supplied the information to produce the 2016-2018 Hawaii Multi-Year Training and Exercise Plan (TEP). Hawaii's training and exercise programs are administered by Hawaii Emergency Management Agency, in coordination with the local emergency response agencies, Office of Homeland Security and FEMA Region IX, Pacific Area Office.

The Hawaii TEP is the roadmap for Hawaii to accomplish the priorities described within this document. Hawaii Emergency Management Agency is pursuing a Corrective Action Program (CAP) that combines enhanced planning, realistic exercises and innovative training to prevent, protect, mitigate, respond, and recover from emergencies and disasters that do occur. Training and exercise activities are the cornerstones to improving Hawaii's preparedness capabilities.

Points of Contact (POCs)

Jennifer Walter
Preparedness Branch Chief
Hawaii Emergency Management Agency
3949 Diamond Head Road
Honolulu, HI 96816
808-733-4300, ext. 521 (office)
jennifer.m.walter@hawaii.gov

Bart Asato (*State and EMI/FEMA trainings*)
Training Officer
Hawaii Emergency Management Agency
3949 Diamond Head Road
Honolulu, HI 96815
808-733-4300 x545 (office)
bart.y.asato@hawaii.gov

Dee Cook (*Homeland Security-funded trainings*)
Administrator
Office of Homeland Security
3949 Diamond Head Road
Honolulu, HI 96816
dolores.m.cook@hawaii.gov

Michael “Mick” Korman (*Federal POC*)
Training and Exercise Specialist
FEMA Region IX Pacific Area Office
808-851-7906
michael.korman@fema.dhs.gov



FEMA

Table of Contents

Purpose	2
Program Priorities.....	3
Mass Care	4-5
Planning and Operations	6-8
Logistics	9
Cybersecurity	10
Physical Protective Measures	11
Risk Assessment	12
Methodology and Tracking	13-15
Multi-Year Training and Exercise Schedule 2016-2019.....	16-30
Acknowledgements	31



Dengue outbreak, Hawaii Island, 2015-2016

Purpose

The purpose of the Multi-year Training and Exercise Plan (TEP) is to document an organization's overall training and exercise program priorities for a specific multi-year time period. It is considered to be a living document that can be updated and refined annually. These priorities are linked to corresponding core capabilities, and, if applicable, a rationale based on existing strategic guidance, threat assessments, corrective actions from previous exercises, or other factors. This Multi-year TEP identifies the training and exercises that will help the organization build and sustain the core capabilities needed to address its training and exercise program priorities.

The Multi-year TEP should lay out a combination of progressively building exercises – along with the associated training requirements – which address the priorities identified in the Training and Exercise Planning Workshop (TEPW). A progressive, multi-year exercise program enables organizations to participate in a series of increasingly complex exercises, with each successive exercise building upon the previous one until mastery is achieved. Further, by including training requirements in the planning process, organizations can address known shortfalls prior to exercising capabilities.

Included in this Multi-year TEP is a training and exercise schedule, which provides a graphic illustration of the proposed activities scheduled for the years 2016 through 2019.



Emergency Operations Plans Workshop, 2016

Program Priorities

The program priorities for the current training and exercise cycle were determined by the state and counties, and the supporting core capabilities are based on stakeholder input provided at the TEPW. The priorities focus on our threats and hazards from our State Threat and Hazard Identification and Risk Assessment (THIRA) and areas identified for improvement in After Action Reports/Improvement Plans (AAR/IPs) from real events and exercises. A Corrective Action Program (CAP) is being implemented that will track and validate corrective actions in future exercises. Grant funding requirements and other reports, such as the State Preparedness Report (SPR), were also considered when determining the program priorities.

The following were identified as the state's program priorities for the 2016 to 2018 training and exercise cycle:

- 1. Mass Care**
- 2. Planning and Operations**
- 3. Logistics**
- 4. Cybersecurity (Homeland Security)**
- 5. Physical Protective Measures (Homeland Security)**
- 6. Risk Assessment (Homeland Security)**

Mass Care

The ability to deliver mass care services in the State of Hawaii has been deemed a top priority for the current training and exercise cycle, with an initial focus on hurricane evacuation sheltering. In 2015 a record breaking number of tropical cyclones in the Central Pacific (15 named tropical cyclones from June to November 2015), and highlighted the need for strong multi-agency plans to safely shelter mass numbers of visitors and residents. It is the priority of the state, counties and partner agencies to establish standards and roles and responsibilities for sheltering and other mass care services that will align and inform mass care plans.

Starting in 2015, the State and counties began developing shelter plans using the progressive approach of a crawl, walk, run phase, and exercising these plans each year. The first year (2016) focused on the State standards and roles and responsibilities of each jurisdiction and stakeholders involved. 2017 will focus on table top exercises in each county to exercise their draft shelter plans and culminating in 2018 to a full-scale exercise to validate state and county shelter plans. Workshops focused on developing other areas of Mass Care will also be part of 2017 and 2018 exercises.

Mass Care Corresponding Core Capabilities:

Mass Care Services: Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies.

Planning: Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or tactical-level approaches to meet defined objectives.

Operational Coordination: Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.

Infrastructure Systems: Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.

Public Information and Warning: Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate.

Situational Assessment: Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

Operational Communications: Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

Rationale for Mass Care Focus:

Makani Pahili 2014 After Action Report/Improvement Plan

Hawaii Emergency Management Agency Corrective Action Program (2015)

State of Hawaii Threat and Hazard Identification and Risk Assessment (2014)

Mass Care Supporting Training Courses:

The following training courses are available online and will be promoted to mass care stakeholders:

Course Number and Title	Link
IS-235 Emergency Planning	https://www.training.fema.gov/is/courseoverview.aspx?code=is-235.b
IS-405 Overview of Mass Care/Emergency Assistance	http://training.fema.gov/is/courseoverview.aspx?code=IS-405
IS-806 Emergency Support Function #6 Mass Care, Emergency Assistance, Housing and Human Services	http://training.fema.gov/is/courseoverview.aspx?code=IS-806

The following classroom-based courses will be prioritized for delivery during the current training cycle:

Course Number and Title	Link
E/L-411 Mass Care/Emergency Assistance for Field Operations (EMI Campus or Resident Delivery)	https://training.fema.gov/emcourses/docs/fy16%20catalog.pdf (Course held Sept. 14-17, 2015)
G-108 Community Mass Care and Emergency Assistance	http://www.nationalmasscarestrategy.org/wp-content/uploads/2014/07/cmcea_factsheet.pdf

Mass Care Supporting Exercises:

Makani Pahili 2016 Shelter Standards/Roles and Responsibilities Workshop (held in July 2016)

Makani Pahili 2017 Shelter Plan(s) Table Top Exercise (TTX) and Mass Care Workshop (July 2017)

Makani Pahili 2018 Shelter Plan(s) Functional Exercise (FE)/Full-Scale Exercise (FSE) and Mass Care Workshop (June 2018, date TBA)

Planning and Operations

On August 11, 2015, Gov. David Ige signed Administrative Directive No.15-01, requiring each agency and department in the Executive Branch of State Government to establish minimum emergency management requirements for its employees and departments. The administrative directive requires each department to identify an Emergency Management Officer (EMO) and State Emergency Response Team (SERT) members and requires them to train at least twice a year and exercise in our annual statewide exercise.

In support of the Administrative Directive, Hawaii Emergency Management Agency (HI-EMA) will implement a training curriculum for the State Emergency Response Team (SERT), which includes Emergency Management Officers (EMOs) from state agencies, state Emergency Support Function (ESF) representatives and HI-EMA staff. The curriculum will include a combination of online-based and classroom-based training. A HI-EMA survey of state emergency management coordinators taken in October 2016 pointed to a preference of a mix of online and classroom training. Shorter classroom (1-2 day) classroom trainings were preferred. Multi-day training (more than 2 days) is not desirable because of the time spent away from regular duties.

The curriculum will be meet the program priorities identified in the State Threat and Hazard Identification and Risk Assessment (THIRA), After Action Reports/Improvement Plans (AAR/IPs) from real events and exercises, the 2015-16 Corrective Action Program (CAP) and the State Preparedness Report and grant funding.

Planning and Operations Corresponding Core Capabilities:

Operational Coordination: Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.

Planning: Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or tactical-level approaches to meet defined objectives.

Situational Assessment: Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

Operational Communication: Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

Rationale for Planning and Operations Focus:

Administrative Directive No. 15-01 (Annex A)

HI-EMA Training Survey (October 2016)

Makani Pahili evaluation surveys (July 2016)

Planning and Operations Supporting Training Courses:

The following courses will be considered for the Emergency Management Officers and the State Emergency Response Team (SERT) curriculum. Training courses available online:

Course Number and Title	Link/Information
IS-100 Introduction to Incident Command System	http://training.fema.gov/EMIWeb/IS/is100b.asp
IS-200 ICS for Single Resources and Initial Action Incidents	http://training.fema.gov/emiweb/is/is200b.asp
IS-700 National Incident Management System (NIMS)	http://training.fema.gov/emiweb/is/is700a.asp
IS-800 National Response Framework, An Introduction	http://training.fema.gov/is/courseoverview.aspx?code=IS-800.b
Professional Development Series (EMI Online)	http://training.fema.gov/is/searchis.aspx?search=PDS

Classroom courses available that support the development of SERT members

Course Number and Title	Link/Information
ICS-300 Intermediate ICS for Expanding Incidents	http://training.fema.gov/emiacourses/docs/fy16%20catalog.pdf
ICS-400 Advanced ICS	http://training.fema.gov/emiacourses/docs/fy16%20catalog.pdf
MGT-346 Operations and Planning for All Hazards	https://teex.org/Pages/Class.aspx?course=MGT346&courseTitle=EOC+Operations+and+Planning+for+All+Hazards Class scheduled for April 5-7, 2016. Registration below http://www.eventbrite.com/e/eoc-operations-and-planning-mgt346-tickets-19431611473

Classes developed by HI-EMA that will be standardized and considered for inclusion in a SERT curriculum:

State Emergency Response Team Member Orientation	Offered by HI-EMA
State Emergency Operations Center Standard Operating Guide	Offered by HI-EMA
WebEOC	Offered by HI-EMA
Auxiliary Communications	Offered by HI-EMA

Planning and Operations Supporting Exercises:

- Makani Pahili 2016 Training on Developing Departmental Emergency Operations Plans
- Makani Pahili 2017 Agency Activation Drill
- Makani Pahili 2018 Full-Scale Exercise/Functional



State Emergency Operations Center activation, 2016

Logistics

The 2015 Catastrophic Hurricane Plan and subsequent planning efforts to examine the State's critical systems and their dependencies, brought into sharp focus the magnitude of the logistical challenges the State will face following a major disaster. As a result, major planning initiatives are underway to address these issues and it is a priority of the training and exercise program to support the development of those plans. Given the State's isolation, dependency on imports for critical supplies, reliance on a single hub port and a just-in-time logistics system, the immediate priorities for logistics are to address the protection and restoration of the port and supply chain.

Logistics Corresponding Core Capabilities:

Logistics and Supply Chain Management: Deliver essential commodities, equipment, and services in support of impacted communities and survivors, to include emergency power and fuel support, as well as the coordination of access to community staples. Synchronize logistics capabilities and enable the restoration of impacted supply chains.

Critical Transportation: Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.

Rationale for Focus on Logistics

FEMA Logistics Capability Assessment Tool 2 (June-July 2016)

Makani Pahili 2014 After Action Report/Improvement Plan

Hawaii Emergency Management Agency Corrective Action Program (2015)

State of Hawaii Threat and Hazard Identification and Risk Assessment

Logistics Supporting Exercises

County Generator Prioritization Workshops (February 2017)

Makani Pahili 2017 Generator Prioritization Tabletop Exercise; Port Restoration Workshop (July 10-14, 2017)

Makani Pahili 2018 Shelter Plan(s) Full-Scale Exercise/Functional

Cybersecurity

The State Office of Homeland Security has identified the following priorities related to cybersecurity:

- Provide cyber security awareness training and education based on levels of expertise
- Coordinate with DOE/University/Academia to build the cyber resiliency for the state
- Identify and host additional private sector in the Cyber Security Intelligence Center
- Develop Cyber Security Response Plan

Cybersecurity Corresponding Core Capabilities:

Cybersecurity: Protect (and if needed, restore) electronic communications systems, information, and services from damage, unauthorized use, and exploitation.

Operational Communications: Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

Rationale for Focus on Cybersecurity

Cyber security is a focus for Homeland Security. PD-41 provides details for cyber and cyber security; a Cyber Response Plan is under development.

Cybersecurity Supporting Training and Exercises

Course Number and Title	Link
AWR-135 Promoting Community Cyber Security	https://teex.org/Pages/Class.aspx?course=AWR135&courseTitle=Promoting+Community+Cybersecurity
AWR-136 Essentials of Community Cyber Security	https://teex.org/Pages/Class.aspx?course=AWR136&courseTitle=Essentials+of+Community+Cybersecurity
MGT-452 Physical and Cyber Security for Critical Infrastructure	https://www.eventbrite.com/o/hawaii-homeland-security-training-opportunities-6910741921

Physical Protective Measures

The State Office of Homeland Security has identified the following priorities related to physical protective measures:

- Update/reassess the Critical Infrastructure Assessments for the State of Hawaii
- Develop countermeasures for systems, networks, assets based on assessment of critical infrastructure
- Update Homeland Security materials for operational activities
- Through the Fusion Center identify and assess the threats to state of Hawaii; provide materials and products for federal, state, private and public sector for information and steps to assess and reduce risk
- Continue to improve the Hawaii State Fusion Center Partners meetings that provide for 30-minute drills for impromptu synchronization of response to an incident

Physical Protective Measures Corresponding Core Capabilities:

Physical Protective Measures: Implement and maintain risk-informed countermeasures, and policies protecting people, borders, structures, materials, products, and systems associated with key operational activities and critical infrastructure sectors.

Rationale for Focus on Physical Protective Measures

Critical infrastructure assessments

Physical Protective Measures Supporting Training and Exercises

Course Number and Title	Link
Statewide Communication Interoperability Plan (SCIP) Workshop (Jan. 26, 2017)	https://www.eventbrite.com/e/statewide-communication-interoperability-plan-scip-workshop-tickets-29907670648 https://www.eventbrite.com/o/hawaii-homeland-security-training-opportunities-6910741921
AWR-219 Site Protection Through Observation Technique Train-the Trainer	
MGT-452 Physical and Cyber Security for Critical Infrastructure	

Risk Assessment

The State Office of Homeland Security has identified the following priorities related to risk assessment:

- Coordinate/collaborate with critical infrastructure related to assessment; ensure the assessment identifies threat, vulnerabilities and consequences
- Development of complex coordinated attack plan – plan for tabletops 2018 and full scale exercise 2019
- Conduct COOP Training; update plans
- Protective Measures Training
- ICS Trainings / Multiagency Training
- Liaison Training for Fusion Center

Risk Assessment Corresponding Core Capabilities:

Risk and Disaster Resilience Assessment: Assess risk and disaster resilience so that decision makers, responders, and community members can take informed action to reduce their entity's risk and increase their resilience.

Risk Management for Protection Programs and Activities: Identify, assess, and prioritize risks to inform Protection activities, countermeasures, and investments.

Threat and Hazards Identification: Identify the threats and hazards that occur in the geographic area; determine the frequency and magnitude; and incorporate this into analysis and planning processes so as to clearly understand the needs of a community or entity.

Rationale for Focus on Risk Assessment

Critical infrastructure assessments

Risk Assessment Supporting Training and Exercises

Course Number and Title	Link
ISC-300 Intermediate ICS for Expanding Incidents	https://www.eventbrite.com/o/hawaii-homeland-security-training-opportunities-6910741921
ICS-400 Advanced ICS for Command and General Staff	
AWR-213 Critical Infrastructure and Resilience Awareness Security	
Development of complex coordinated attack plan full-scale tabletop (2018), exercise (2019)	

Methodology and Tracking

HI-EMA and the state Office of Homeland Security conducted a statewide Training and Exercise Planning Workshop on October 21, 2016 to use the guidance provided by senior officials to identify and set exercise program priorities and develop a multi-year schedule of exercise events and supporting training activities to meet those priorities. Participants included emergency managers from the state, counties, federal and military, nongovernmental, non-profit agencies and the private sector.



The mission of the state's emergency management agency is to institute training, preparedness, and public-information programs in coordination with the State, counties, the federal government, other states, and private-sector and nonprofit organization. (Hawaii Revised Statutes 127A). The training mission of the state's Office of Homeland Security is to provide programs, in coordination with county agencies, other state and federal agencies, and the private sector, to educate and train publicly and privately employed workers and the general public to be prepared for potential attacks. (Hawaii Revised Statutes 128A-1).

The state incorporates the Homeland Security Exercise and Evaluation Program, or HSEEP, which consists of an integrated set of core principles that frame a common approach to exercises.

HSEEP Principles

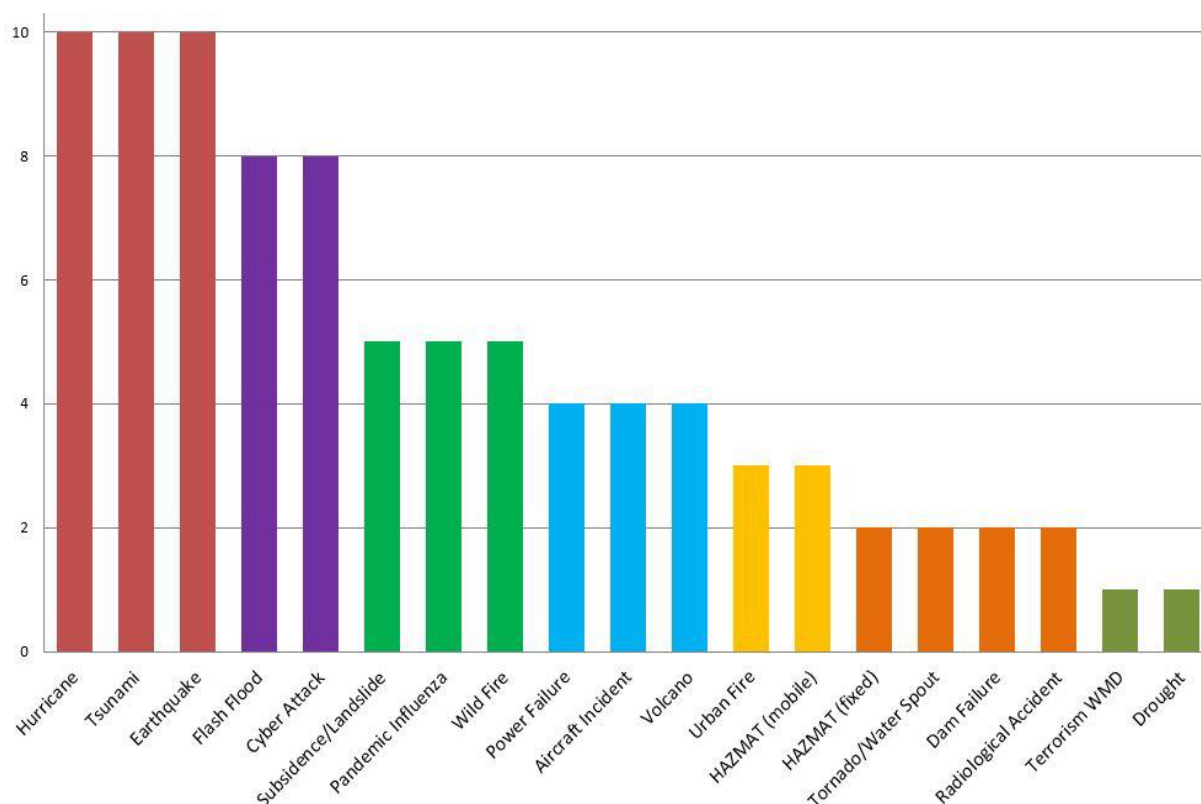
- Guided by elected and appointed officials
- Whole Community integration
- Common methodology
- Informed by risk
- Capability-based, objective driven
- Progressive planning approach

HSEEP uses a common methodology for planning and conducting exercises (exercise cycle right):



Informed by Risk

What do we need to prepare for? The state's Threat and Hazard Identification Risk Assessment identified the threats and hazards of greatest concern to Hawaii from "high risk" (10) to "not an event" (1) (Chart from state Threat and Hazard Identification Risk Assessment (2012)).



The National Preparedness Goal identifies 5 mission areas:



Thirty-two core capabilities, which are distinct critical elements needed to achieve this goal, are grouped across these mission areas.

Organizations can use exercises as a way to examine current and required core capability levels and identify gaps.

Detailed descriptions of the National Preparedness Goal's Core Capabilities can be found here:

<https://www.fema.gov/core-capabilities>

Progressive Planning Approach

A progressive approach includes the use of various exercises aligned to a common set of exercise program priorities and objectives with an increasing level of complexity over time.

Joint Training and Exercise Priorities

During the state TEPW, discussion focused on the following:

- Are we focused on the right capabilities?
- For each capability identified as a priority what is the specific knowledge of skill we need to train and exercise on over the next three years?

The joint training and exercise priorities were presented:



Multi-year Training and Exercise Schedule

The Multi-year Training and Exercise Schedule includes emergency management events submitted by agencies and organizations around the state. The details are subject to change. The Hawaii Emergency Management Agency also has an online calendar for which agencies and organizations can submit entries. Submissions can be e-mailed to Bart Asato, HI-EMA's training officer at bart.y.asato@hawaii.gov.

October 2016

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11 TEPW Planning Meeting, HI-EMA, 733-4300	12	13	14	15
16	17	18	19 Oil Spill TTX, Maui Electric, seth.titley@mauielectric.com	20	21 TEPW, HI-EMA, 808-733-4300	22
23	24	25	26	27	28 Wet Season Briefing, HI-EMA, 808-733-4300	29
30	31	Hilo International Airport Triennial Exercise, S-DOT, 838-8708				

November 2016

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2 Internal TTX on initial response to Active , UH-Manoa, lagunero@hawaii.edu	3	4	5
6	7	8	9	10	11	12
13	14 All Hazards Ops Section Chief, HS-GMO, 733-4205	15 All Hazards Ops Section Chief; All Hazards Awareness and Prep. For Transit Employees, TtT, HS-GMO, 733-4205	16 All Hazards Ops Section Chief, HS-GMO, 733-4205	17 All Hazards Ops Section Chief, HS-GMO, 733-4205	18 All Hazards Ops Section Chief, HS-GMO, 733-4205	19
20	21 Emergency Management Basics, HI-EMA, 733-4300	22 Emergency Management Law in Hawaii, HI-EMA, 733-4300	23	24	25	26
27	28 All Hazards Incident Commander, HS-GMO, 733-4205	29 All Hazards Incident Commander, HS-GMO, 733-4205	30 All Hazards Incident Commander, HS-GMO, 733-4205	Tentative: EL962/EO697 Planning Section Chief, HS-GMO, 733-4205		

December 2016

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1 All Hazards Incident Commander, HS-GMO, 733-4205	2 All Hazards Incident Commander, HS-GMO, 733-4205	3
4	5	6 WebEOC, HI-EMA, 733-4300	7	8 WebEOC, HI-EMA, 733-4300	9	10
11	12	13	14 Makani Pahili Concept and Objectives, HI-EMA, 733-4300	15 NOAA Storm Surge Modeling, HI- EMA, 733-4300	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5 County Generator Prioritization Exercise Meeting, HI-EMA, 733-4300	6	7
8	9	10	11	12 WebEOC, HI-EMA, 733-4300	13 WebEOC, HI-EMA, 733-4300	14
15	16	17	18	19	20	21
22	23 AHIMT 305 (Incident Mgmt Team), HS-GMO, 733-4205	24 AHIMT 305 (Incident Mgmt Team), HS-GMO, 733-4205	25 AHIMT 305 (Incident Mgmt Team), HS-GMO, 733-4205	26 AHIMT 305 (Incident Mgmt Team), HS-GMO, 733-4205. Makani Pahili 2017 Emergency Power Prioritization workshop, HI-EMA	27 AHIMT 305 (Incident Mgmt Team), HS-GMO, 733-4205	28
29	30	31	WebEOC for State Emergency Management Officers/State Emergency Support Functions, TBA	EVAC/Shelter in Place Workshop, Hawaii County (Jan, Feb or March), 808-935-0031		

February 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8 Oahu Emergency Power Prioritization workshop, HI-EMA, 733-4300	9	10 Leveraging Tools for Conducting Damage Assessment (T)	11 Leveraging Tools for Conducting Damage Assessment (T)
12	13	14 Makani Pahili Kauai Emergency Power Prioritization workshop, HI-EMA, 733-4300	15	16 Maui Emergency Power Prioritization workshop, HI-EMA, 733-4300	17	18
19	20	21	22	23 Hawaii Island Emergency Power Prioritization workshop, HI-EMA, 733-4300	24	25
26	27	28	February or March – AmeriCorps disaster exercise, FEMA PAO			

March 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Tentative: PER 243 Personal Radiation Detection Course; PER 245 Secondary Screening; PER 246 Backpack Screening;	PER 247 Secondary Screening/RDX Operations and Strategy; RAD Nuclear Training for Maritime;	RADNUC Preventive RAD/NUC Detection Team Operations, HS-GMO, 733-4205	1 Senior Officials Course for Hawaii County, HS-GMO, 733-4205	2 ICS 300 and 400, Hawaii County, HS-GMO, 733-4205	3	4
5	6 SMS Principles for Transit, HS-GMO, 733-4205	7 SMS Principles for Transit, HS-GMO, 733-4205	8 HAZMAT First Responder Awareness and Operations; SMS Principles for Transit, HS-GMO	9 HAZMAT First Responder Awareness and Operations; Crime Prevention Through Environmental Design, HS-GMO, 733-4205	10 HAZMAT First Responder Awareness and Operations; Crime Prevention Through Environmental Design, HS-GMO, 733-4205	11 HAZMAT First Responder Awareness and Operations, HS-GMO, 733-4205
12 HAZMAT First Responder Awareness and Operations, HS-GMO, 733-4205	13 HAZMAT First Responder Awareness and Operations; Bus System Safety, HS-GMO, 733-4205	14 HAZMAT First Responder Awareness and Operations; Bus System Safety, HS-GMO, 733-4205	15 HAZMAT First Responder Awareness and Operations; Bus System Safety, HS-GMO, 733-4205	16 HAZMAT First Responder Awareness and Operations; Bus System Safety, HS-GMO, 733-4205	17 HAZMAT First Responder Awareness and Operations; Bus System Safety, HS-GMO, 733-4205	18
19	20	21	22	23	24	25
26	27	28	29	30	31	Tentative (March or April): Prescribed Fire 2017, HS-GMO, 733-4205 Spring: Internal Sheltering TTX, American Red Cross, john.miller@redcross.org

April 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Kapalua Airport Triennial Exercise, S- DOT, 838-8708	Internal Limited Scale Exercise EOC staffing and operations, UH- Manoa, lagunero@hawaii.edu	EOC Information and Processes, Hawaii County (April, May or June), 808-935-0031				1
2	3 ICS 300/400, HS- GMO, 733-4205	4 ICS 300/400, HS- GMO, 733-4205	5 ICS 300/400, HS- GMO, 733-4205	6 ICS 300/400, HS- GMO, 733-4205	7 ICS 300/400, HS- GMO, 733-4205	8
9	10	11	12	13	14	15
16	17 ICS 300/400, HI- EMA, 733-4300	18 ICS 300/400, HI- EMA, 733-4300	19 ICS 300/400, HI- EMA, 733-4300	20 ICS 300/400, HI- EMA, 733-4300	21 ICS 300/400, HI- EMA, 733-4300	22
23	24 ICS 300/400, HS-GMO, 733-4205	25 ICS 300/400, HS-GMO, 733-4205	26 ICS 300/400, HS-GMO, 733-4205	27 ICS 300/400, HS-GMO, 733-4205	28 ICS 300/400, HS-GMO, 733-4205	29
30						

May 2017						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	1	2	3	4	5	6
7	8 Regional Power Mission Exercise, Army Corps of Engineers, 808-835-4014 Call Receivers, Info Management, Maui County, 808-270-7285	9 Regional Power Mission Exercise, US Army Corps of Engineers Public Safety, Re-Entry, Maui County	10 Regional Power Mission Exercise, US Army Corps of Engineers Human Services, Points of Distribution, Maui County	11 Regional Power Mission Exercise, US Army Corps of Engineers Infrastructure Power Restoration, Maui County	12 Regional Power Mission Exercise, US Army Corps of Engineers	13
14	15	16	17	18	19	20
21	22 EOC Responder, Call Taker Workshop, Kauai County, 808- 241-1800	23 Auxiliary Communications, Hawaii County, 808- 935-0031 Visitor Ind. Seminar, Call Taker Workshop, Kauai County	24 Shelter Drill, Hawaii County Incident Management Team Functional Exercise, Kauai County	25 Shelter TTX, Kauai County	26	27
28	29	30	31	Tentative: PER 335 Complex Coordinated Attacks, HS-GMO, 733- 4205		

June 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Tentative (June/July): FFO and MFO Annual Training, HS-GMO, 733-4205				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	17 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil
18 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	19 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	20 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	21 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	22 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	23 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	24 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil
25 Hawaii National Guard Makani Pahili, james.d.barros.mil @mail.mil	26	27	28	29	30	

July 2017						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						1
2	3	4	5	6	7	8
9	10 Makani Pahili, Hawaii Emergency Management Agency, 808-733-4300	11 Makani Pahili, Hawaii Emergency Management Agency, 808-733-4300	12 Makani Pahili, Hawaii Emergency Management Agency, 808-733-4300	13 Makani Pahili, Hawaii Emergency Management Agency, 808-733-4300	14 Makani Pahili, Hawaii Emergency Management Agency, 808-733-4300	15
16	17	18	19	20	21	22
23	24 ICS 300/400, HS-GMO, 733-4205	25 ICS 300/400, HS-GMO, 733-4205	26 ICS 300/400, HS-GMO, 733-4205	27 ICS 300/400, HS-GMO, 733-4205	28 ICS 300/400, HS-GMO, 733-4205	29
30	31	Tentative: ALERTT Training TtT, HS-GMO, 733-4205	CRASE Train the Trainer, GMO, 733- 4205	City and County of Honolulu: Fuel Allocation Seminar and Workshop City and County of Honolulu: Fuel Allocation Seminar Shelter Operations Training and Drill	City and County of Honolulu: Damage Assessment Workshop or TTX 808-723-8965	

August 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
6	7 Protective Measures Course, HS-GMO, 733-4205	8 Protective Measures Course, HS-GMO, 733-4205	9 Protective Measures Course, HS-GMO, 733-4205	10 Protective Measures Course, HS-GMO, 733-4205	11 Protective Measures Course, HS-GMO, 733-4205	12 Protective Measures Course, HS-GMO, 733-4205
13	14	15	16	17	18 UCCG Sector Honolulu AMSTEP, Maui 842-2689	19
20	21 ICS 300/400, HS-GMO, 733-4205	22 ICS 300/400, HS-GMO, 733-4205	23 ICS 300/400, HS-GMO, 733-4205	24 ICS 300/400, HS-GMO, 733-4205	25 ICS 300/400, HS-GMO, 733-4205	26
27	28	29	30	31		

September 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Tentative: COMM L or COMM T, HS-GMO, 733-4205					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18 ICS 300/400, HS-GMO, 733-4205	19 ICS 300/400, HS-GMO, 733-4205	20 ICS 300/400, HS-GMO, 733-4205	21 ICS 300/400, HS-GMO, 733-4205	22	23
24	25	26	27	28	29	30

October 2017 to September 2018

October-December 2017

Oct. (dates TBA)

Homeland Security Conference, GMO, 733-4205
 Critical Asset Risk Management. GMO 733-4205
 Physical and Cyber Security for Critical Infrastructure, 452. GMO 733-4205
 Community Preparedness for Cyber Incidents, MGT 384, GMO, 733-4205
 AWR 213 Critical Infrastructure and Resilience Awareness Security
 MGT 315 Critical Asset Risk Management
 MGT 384 Community Preparedness for Cyber Incidents
 MGT 452 Physical and Cyber Security for Critical Infrastructure, HS-GMO, 733-4205
 Honolulu International Airport Triennial Exercise, S-DOT, 838-8708

Internal All-Hazards Response TTX, UH-Manoa, lagunero@hawaii.edu

Training and Exercise Workshop

December (dates TBA)

Kona International Airport Triennial Exercise, S-DOT, 808-838-8708
 Oct., Nov. or Dec. PGV: Evac. and Public Info.TTX, Hawaii County, 808-935-0031

April-June 2018

April

April 24-28 – USCG Sector Honolulu NPREP Government Lead (Oil/HAZMAT) Full-scale Exercise, 842-2696

May

Active Shooter, Full-scale, UH-Manoa, lagunero@hawaii.edu

June

Makani Pahili Full-Scale Exercise/Functional Exercise, Hawaii Emergency Management Agency date TBA, 808-733-4300

April, May or June: EOC Information Flow (barricades) Drill, Hawaii County,

January-March 2018

Jan. Feb. or March: Communications TTX, Hawaii County, 808-935-0031

July-September 2018

July

(Tentative) Makani Pahili, Full-scale Exercise, HI-EMA, 808-733-4300

August

August 18 -- USCG Sector Honolulu AMSTEP (Maritime Security) TTX Kauai, 842-2694

July, Aug. or Sept. Shelter Sustainment, Full Scale, Hawaii County, 808-935-0031

October 2018 to September 2019

Oct., Nov. or Dec.: Public Information TTX, Hawaii County, 935-0031

Jan., Feb. or March: Mauna Loa COP, Functional, Hawaii County, 935-0031

April, May or June: Ironman Evacuation Workshop, Hawaii County, 935-0031

June or July (tentative) – Makani Pahili 2019, HI-EMA, 733-4300

July, Aug., or Sept.: Auxiliary Communications Workshop, Hawaii County, 935-0031

Acknowledgements

The Hawaii Emergency Management Agency would like to acknowledge the following participants in the Training and Exercise Workshop and Makani Pahili Concept and Objectives meetings.

Training and Exercise Planning Workshop

Oct. 21, 2016

Hosts: Hawaii Emergency Management Agency, State of Hawaii Homeland Security Office
Counties: County of Hawaii, County of Maui, City and County of Honolulu, County of Kauai
Federal Emergency Management Agency, Region IX, Pacific Area Office
American Red Cross
Delta Airlines
Hawaii National Guard
Hawaii Department of Business, Economic Development and Tourism
Hawaii Department of Human Resources Development
Hawaii Department of Education
Hawaii Department of Land and Natural Resources
Hawaii Department of Human Services
Hawaii Air National Guard
Hawaii Public Housing Authority
Hawaii Department of Health
Hawaii Public Utilities Commission
Hawaiian Electric Company
Commander, U.S. Pacific Fleet
Healthcare Association of Hawaii Emergency Services
NOAA National Weather Service
Pacific Disaster Center
U.S. Coast Guard Sector Honolulu
U.S. Homeland Security National Protection and Programs Directorate
U.S. Navy
U.S. Pacific Air Forces
U.S. Pacific Command Defense Coordinating Element
U.S. Homeland Security Transportation Security Administration
U.S. Army Pacific G34
Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility
University of Hawaii
WestJet Airlines

Makani Pahili Concept and Objectives Meeting

December 14, 2016

Host: Hawaii Emergency Management Agency
Counties: County of Hawaii, County of Maui, City and County of Honolulu, County of Kauai
Federal Emergency Management Agency, Region IX, Pacific Area Office
American Red Cross
Hawaiian Airlines
Hawaiian Electric Company
Hawaii Department of Education
Hawaii Air National Guard
Hawaii Department of Human Services
Hawaii Department of Commerce and Consumer Affairs
Hawaii Department of Health
Hawaii Department of Public Safety
Hawaii Department of Accounting and General Services
Hawaii Department of Economic Development and Tourism
Hawaii Department of Transportation
Hawaii National Guard
NOAA National Weather Service
State Radio Amateur Civil Emergency Services
U.S. Pacific Air Forces
U.S. Pacific Command Defense Coordinating Element
U.S. Army Corps of Engineers
U.S. Coast Guard Sector Honolulu
U.S. Homeland Security Transportation Security Administration
U.S. Pacific Command J33
U.S. Department of Transportation
University of Hawaii